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Shalom Wertsberger Reg. No. 43,359

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APR 16 2002

Technology Center 2600

Docket: 0144US-Locus

Application #: 10/001,855

Inventor: HEINONEN

Filed on: November 19, 2001

Title: Location method for mobile networks

This correspondence contains:

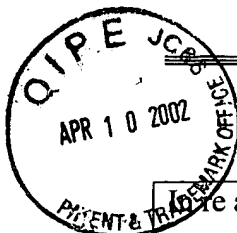
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In the United States Patent and Trademark Office

Type application of: Heinonen et al.	
For: L cation M thod for M bil N tworks	
Serial No.~Confirm.: 10/001,855 ~3771	Group: 2681
Filed on: Nov. 19, 2001	Examiner:
Correspondence Date Feb. 4, 2002	Docket: 0144US-Locus

Information Disclosure Statement

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Sir:

This Information Disclosure Statement is submitted pursuant with 37 CFR §1.97, 1.98. It is requested that the information disclosed herein be made of record in this application. It is further requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other applications cross referencing, relying on the priority of, or otherwise related to the above-identified application.

This IDS is submitted under 37 CFR 1.97(b). Our understanding is that no fee is due in connection with this submission. If this understanding is incorrect, please charge any fee, or credit any overpaid amount, to Deposit Account No. 501392.

In accordance with 37 CFR § 1.98, this IDS includes a list (e.g. form PTO-1449, or equivalent), together with copies, of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment thereto.

In accordance with 37 CFR §1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that the information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), nor should it be construed that any information cited herein or in the attached document is (or constitutes) "prior art" for this invention unless specifically otherwise indicated.

No explanation of relevance is necessary for documents in the English language
(see reply to comments 67 and 68 in the preamble of final rules; 1135 OG 13 @ 20).

Applicant submits that the above information, taken alone or in combination,
neither anticipate nor render obvious the present invention. Consideration of the
foregoing in relation to this application is respectfully requested.

Respectfully submitted



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Agent for Applicant

Please type a plus sign (+) inside this box ☐ +

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/001,855
Filing Date	Nov. 19, 2001
First Named Inventor	HEINONEN
Group Art Unit	2681
Examiner Name	
Attorney Docket Number	0143US-Locus

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published.	T2
	AA	Tracking Mobile Phones in Urban Areas, Christer Åkerbom, Thesis work presented in Chalmers University and Göteborg University, in Göteborg, Sweden, September 2000	
	AB	Applying pattern recognition techniques based on hidden Markov models for vehicular position location in cellular networks, Stefan Mangold and Sofoklis Kyriazakos, Paper presented in the 50th IEEE Vehicular Technology Conference on September 2nd, 1999, in Amsterdam, the Netherlands.	
	AC	Radar: an in-building RF-Based User Location and Tracking System, Paramvir Bahl and Venkata N. Padmanabhan, Microsoft Research, Microsoft Inc. Redmond WA. March 2000.	
	AD	Overview of 2G LCS Technologies and Standards, Motorola Inc., marked as LCS-010019, provided in a 3GPP TSG SA2 LCS Workshop in London, UK 11-12 January 2001	
	AE	Location Tracking of Mobiles in Cellular Radio Networks, Martin Hellebrandt and Rudolf Mathar, IEEE Transactions on vehicular technology, Vol. 48 No. 5, September 1999	
	AF	Database Correlation for GSM Location: Heikki Laitinen, Jaako Lähteenmki, Tero Nordström, a paper presented at the IEEE Vehicular Technology Conference 2001, 6-9 May, 2001, Rhodes Island, Greece	
	AG	Cellular Network Optimisation Based on Mobile Location (CELLO), Jaakko Lähteenmaki, VTT Information Systems, VTT, Helsinki, Finland, January 2001	

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Examiner Signature	Date Considered
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*EXAM INER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.

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